

With Compliments

DRONFIELD

URBAN DISTRICT COUNCIL.

Annual Report

ON THE

HEALTH OF DRONFIELD FOR 1904,

BY


O. H. HUDSON, M.R.C.S.,

MEDICAL OFFICER OF HEALTH.

DRONFIELD :

RYDER, PRINTER, PRINCESS BUILDINGS.

1905.



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1904.

SUMMARY OF REPORT.

DRONFIELD URBAN DISTRICT.

Area : 1046 acres.

Population (census) 1891, 3,438 ; (census) 1901, 3,809.

Estimated Population, 1904, 3,910.

Number of Occupied Houses : 1901, 871 ; 1904, 887.

Rateable Value, £10,948 14s. 0d.

General District Rate, 3s. 4d.

Poor Rate, 3s. 8d. on Buildings, and 1s. 10d. on Agricultural Land.

Vital Statistics.

Birth Rate per 1,000, 36·3.

Crude Death Rate per 1,000, 16·8.

Corrected Death Rate per 1,000, 19·4.

Infantile Mortality (Deaths under one year per 1,000 births), 118·8.

Water Supply :—

Source of Supply : Moorland Water from Chesterfield Rural
Sanitary Authority's Mains.

Constant Supply during the year.

Scavenging and Refuse Disposal : By Council's own Carts and
Workmen.



ANNUAL HEALTH REPORT

For 1904.

TO THE CHAIRMAN AND MEMBERS OF THE
DRONFIELD URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have pleasure in laying before you my Fourth Annual Report.

Physical Features and General Character of District.—The District lies to the South of Sheffield, and is immediately surrounded by the Chesterfield Rural District. It has an area of 1,046 acres, no part being covered by water, and is hilly in nature. The principal industries are coal mining, iron founding, and edge-tool making.

The Population of the District at the Census of 1901 was 3,809, and the number of inhabited houses, 871. The estimated population to the middle of 1904 is 3,910, and the number of inhabited houses 887, giving an average of 4·4 per house.

The Births registered in the District during the year were 143, giving a rate of 36·3 per 1,000. The rate for the previous ten years is as follows :—

1894	1895	1896	1897	1898	1899	1900	1901	1902	1903
31·5	34	24·5	25·7	21·7	26·4	27	34·8	31·7	29·6

giving an average rate of 28·6 per 1,000.

The Deaths registered in the District during the year were 66, giving a crude death-rate of 16·8 per 1,000; there were also 10 deaths of Dronfield residents outside the District, which gives the nett deaths belonging to the District 76, and a corrected death-rate of 19·4 per 1,000.

The corrected death-rate for the previous ten years is as follows :—

1894	1895	1896	1897	1898	1899	1900	1901	1902	1903
17·7	22·6	18·7	22·1	16·1	17·1	16·9	18·8	19·2	16·2

which gives an average of 18·5 per 1,000.

The high death-rate has been caused principally by deaths occurring in old age, 26 deaths occurring at 60 years and over. As I mentioned in my last Report, Dronfield Parish is very richly endowed with doles, and consequently the old and indigent are attracted to come and live in the District.

The Infantile Death-rate (deaths under one year) was equivalent to 118·8 per 1,000 births registered, the rate for the previous ten years being :—

1894	1895	1896	1897	1898	1899	1900	1901	1902	1903
198	198	214	194	155	162	235	187	163	104

giving an average rate of 181.

Zymotic Diseases. — There were two deaths from Scarlet Fever during the year, equal to a rate of ·51 per 1,000.

Scarlet Fever.—Fifty-five cases of Scarlet Fever were notified during the year. Three cases were in July, two in August, four in September, seven in October, twenty-eight in November, and eleven in December.

With regard to the five cases which occurred in July and August, three were in one house, and they were without doubt the cause of the fourth case which occurred in a house directly opposite. The fifth case was easily traceable from infection in Lincolnshire, where the child had been staying, and where a previous case of Scarlet Fever had occurred in the same house some three months previously. The cases in September occurred in two houses in a yard where complete isolation was out of the question, but the best precautions under the circumstances were taken to prevent any further cases. The disease then was rampant in all the surrounding districts, and as the Northern Infectious Hospital was not then finished, and proper isolation could not be carried out, the infection

spread, and assumed epidemic form in November when the greatest number of cases was notified, the disease appearing to decline in December. The new Infectious Hospital having since been opened for the reception of patients has made a marked difference in the returns.

Diphtheria.—There were four cases of Diphtheria notified. All were of a mild type, two were notified in May, one in November, and one in December. There were no deaths.

Erysipelas.—Four cases were notified. The disease was of a sporadic character, and no death occurred.

Diarrhœa.—There were four deaths due to Diarrhœa, all occurring in infants under two years of age. The rate per 1,000 being 1.04.

Epidemic Influenza.—There were two deaths occurring from this disease, giving a death-rate of .51 per 1,000

Phthisis and other Tubercular Disease.—There were four deaths due to Tubercle, viz. : two to Phthisis, and two to General Tuberculosis, giving a death-rate of .51 per 1,000 respectively.

Respiratory Diseases. — Other respiratory diseases were responsible for twelve deaths, viz. : Pneumonia 8 and Bronchitis 4, giving a death-rate of 3.06 per 1,000.

House Sanitation.—Five Privies have been converted into W.C's. Seven new houses have been built, which have all been provided with Water Closets.

Sewerage and Sewage Disposal Works.—There are 887 inhabited houses. Of these 159 are outside the sewage area. Of the remainder 636 are connected with the main sewer, and 92 remain to be connected.

The dry weather flow of sewage at present reaching the Outfall Works amounts to 41,000 gallons, or about 64 gallons per house per day.

I have visited the Outfall Works periodically, and on each occasion the effluent has been quite satisfactory.

Excrement Disposal.—This work is done by your own Council's workmen, horses, and carts, as also the removal of house refuse.

Water Supply.—The supply has been constant throughout the year, and is supplied from the Chesterfield Rural Sanitary Authority's mains. I am pleased to say that owing to the action of the Chesterfield Authority in putting down Machinery for mixing lime with the water at the Reservoir, to neutralize the acidity, the district has been practically clear of lead poisoning.

Lodging Houses.—There is only one in the district—the Bye-laws for which were approved on May 26th, 1877. There is no special mention of the cubic space per bed, but 300ft. per person is allowed, and there are separate arrangements for the sexes.

School Buildings.—The Sanitation is what is required; there are separate W.C's. and conveniences, and the state of the buildings is satisfactory.

Section 132 of the Factory and Workshops' Act, 1901.—In accordance with this Act I have visited all the Factories and Workshops on the Register, of which there are 30, viz.: 14 Factories and 16 Workshops. There were two cases where the sanitary accommodation were slightly defective, and on the defects being pointed out, were at once remedied.

Dairies and Cowsheds.—There are eight of these on the Register, and they have been systematically inspected, and found in a sanitary condition.

Bye-laws.—I have again to point out that the Bye-laws which were adopted in March, 1865, are very much out of date, and that it would be advisable if your Council would adopt the model Bye-laws of the Local Government Board *en bloc*.

I have the honour to be, Gentlemen,

Your obedient Servant,

O. H. HUDSON.

VITAL STATISTICS OF WHOLE DISTRICT DURING
1904 AND PREVIOUS YEARS.

DRONFIELD URBAN DISTRICT.

Year.	Population estimated to middle of each year.	Births.		Total Deaths Registered in the District.				Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all ages belonging to the District.	
		Number.	Rate.	Under 1 Year of Age.		At all Ages.			Number.	Rate.
				Number.	Rate per 1000 Births registered.	Number.	Rate.			
1894	3555		31.5		198	63	17.7			
1895	3594	136	34		198	81	22.6			
1896	3633	98	24.5		214	68	18.7			
1897	3677	113	25.7		194	81	22.1			
1898	3710	122	21.7		155	60.	16.1			
1899	3750	111	26.4		162	64	17.1			
1900	3789	102	27		235	64	16.9	1	65	17
1901	3818	133	34.8	25	187	66	17.2	6	72	18.8
1902	3847	122	31.7	20	163	67	17.4	7	74	19.2
1903	3880	115	29.6	12	104	59	15.2	4	63	16.2
Aver- ages for years 1894- 1903.	3725	.	28.6		181	67	18.1			
1904	3910	143	36.3	17	118.8	66	16.8	10	76	19.4

Institutions outside the District receiving sick and infirm persons from the District:—

Chesterfield Union Infirmary.

Jessop Hospital for Women, Sheffield.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1904

DRONFIELD URBAN DISTRICT.

CAUSES OF DEATH	Deaths in or belonging to whole District at subjoined ages.						
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Scarlet Fever	2		2				
Epidemic Influenza	2			1		1	
Diarrhœa	4	2	2				
Phthisis	2					2	
Other Tubercular Diseases	2	2					
Cancer, malignant disease	5					3	2
Bronchitis	4	4					
Pneumonia	8	1	1		1	2	3
Alcoholism (Cirrhosis of liver)	1					1	
Premature birth.....	8	8					
Diseases and accidents of parturition	1					1	
Heart Diseases	7					4	3
Suicides	1					1	
All other causes	29	2	1	1	3	11	11
All causes.....	76	19	6	2	4	26	19

O. H. HUDSON,

Medical Officer of Health.

February 4th, 1904.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1904.

NOTIFIABLE DISEASE.	At all ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
Diphtheria	4		1		2	1
Erysipelas	4					4
Scarlet Fever	55	1	20	32		2
Totals.....	63	1	21	32	2	7

FACTORIES, WORKSHOPS, &c.

DRONFIELD URBAN DISTRICT.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

PREMISES.	Number of		
	Inspections.	Written Notices.	Prosecutions
Factories (including Factory Laundries)	17	2	Nil
Workshop (including Workshop Laundries)	30		
Total.....	47	2	

2.—DEFECTS FOUND.

PARTICULARS.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied	Referred to H.M. Inspector.	
Sanitary Accommodation—				
Insufficient	1	1	Nil	Nil
Unsuitable or Defective	1	1		
Total.....	2	2		

3.—OTHER MATTERS.

Workshops on the Register (S. 131) at the end of 1904—

Dressmakers and Millinery...	...	...	...	6
Axeheads ...	...	...	...	1
Basket Makers ...	...	...	...	2
Joiners ...	...	...	...	4
Blacksmiths ...	...	...	...	2
Boot Maker ...	...	...	...	1
Total number of Workshops on Register	...	...	...	16

SUMMARY OF WORK DONE in the Inspector of Nuisances Department from
Jan. 1st, 1904, to December 31st, 1904.

DESCRIPTION OF NUISANCE.	Number on Register	Number of Inspections.	Number of Notices served for infringement of Bye-Laws.	Informal Notices served by Inspector.	Legal Notices served by Authority.	Nuisances abated.	Informal Notices to Repair Houses.	Number of Houses Repaired.	Number of Infected Houses	Houses Disinfected.	Inspections of Work in progress.	
No. disconnection of Waste Pipe				5	1	5						Precautions taken by Inspector against Infectious Disease, the Sale of Adulterated Food and Drugs and Unsound Meat, and under the Canal Boats Act.
Defective Traps, Inlets, and Drains ...				7	1	7						
Drains obstructed.....				12	1	13						
Insanitary Privies and Ashpits.....				6	1	6						
Conversion of Privies into W.C.'s				5		5						
Defective Water Closets				1		1						
Surface of Courts and Yards.....				2	1	3						
Eaves Spouts and Down Spouts				1		1						
Urinals defective				1		1						
Offensive Accumulations				1		1						
Pigsties					1	1						The Urban Sanitary Authority supply Antitoxin and Disinfectants free. All Houses infected are disinfected by a Servant of the Sanitary Authority. Notice of Infection sent to Schools. Slaughter Houses inspected, and Regulations under the Dairies and Cowsheds and Milkshops Order carried out.
Foul Conditions of Houses.....				2		2						
Dwelling Houses	15											
Dairies and Cowsheds	15						2	1	45	45	15	
Slaughter Houses.....	5											
Offensive Trades	1		1									
Common Lodging Houses	1											
Factories and Workshops	30	47	2									
Totals.....	45	95	3	43	6	46	2	1	45	45	15	

